



Beyond the news: Health risks of climate change

Author(s): Ebi KL
Year: 2009
Journal: McGill Journal of Medicine : Mjm : An International Forum for The Advancement of Medical Sciences By Students. 12 (1): 65-69

Abstract:

Climate change is affecting the health of millions of people through altering the geographic distribution and incidence of climate-sensitive health outcomes, including through injuries, illnesses, and deaths due to extreme weather events, food-, water-, and vectorborne diseases, air pollution, aeroallergens, and malnutrition. The magnitude of impacts is projected to increase as the climate continues to change. The scope and scale of projected impacts mean that climate change will touch the professional and personal lives of many public health and health care professionals. Avoiding, preparing for, and effectively responding to the health risks of climate change will require broad engagement of scientists, decision-makers, and the public. Achieving this engagement means that increased scientific literacy is needed of the causes and implications of climate change for human health.

Source: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2687918>

Resource Description

Climate Scenario :

specification of climate scenario (set of assumptions about future states related to climate)

Special Report on Emissions Scenarios (SRES)

Special Report on Emissions Scenarios (SRES) Scenario: SRES A1, SRES A2, SRES B1, SRES B2

Exposure :

weather or climate related pathway by which climate change affects health

Air Pollution, Ecosystem Changes, Extreme Weather Event, Food/Water Security, Precipitation, Sea Level Rise, Temperature

Air Pollution: Allergens

Extreme Weather Event: Drought, Hurricanes/Cyclones

Food/Water Security: Food Access/Distribution, Nutritional Quality

Temperature: Extreme Cold, Extreme Heat, Fluctuations

Geographic Feature:

Climate Change and Human Health Literature Portal



resource focuses on specific type of geography

General Geographical Feature

Geographic Location:

resource focuses on specific location

Global or Unspecified

Health Impact:

specification of health effect or disease related to climate change exposure

Infectious Disease, Injury, Morbidity/Mortality

Infectious Disease: Foodborne/Waterborne Disease, Vectorborne Disease

Foodborne/Waterborne Disease: Campylobacteriosis, E. coli, General Foodborne/Waterborne Disease, Salmonellosis

Vectorborne Disease: General Vectorborne

Medical Community Engagement:

resource focus on how the medical community discusses or acts to address health impacts of climate change

A focus of content

Mitigation/Adaptation:

mitigation or adaptation strategy is a focus of resource

Adaptation

Model/Methodology:

type of model used or methodology development is a focus of resource

Exposure Change Prediction

Population of Concern: A focus of content

Population of Concern:

populations at particular risk or vulnerability to climate change impacts

Children, Elderly, Low Socioeconomic Status, Pregnant Women, Workers

Other Vulnerable Population: Pre-existing medical conditions; People with low mobility; People with cognitive constraints; immunocompromised

Resource Type:

format or standard characteristic of resource

Review

Socioeconomic Scenario: SES scenarios



Timescale: ☒

time period studied

Long-Term (>50 years)